

metals
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MATRIX SPIKE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q1883
contract: NOBI03 **lab code:** CHEM **case no.:** Q1883 **sas no.:** Q1883
matrix: Water **sample id:** Q1883-16 **client id:** OU4-VSL-19-042325MS
Percent Solids for Sample: NA **Spiked ID:** Q1883-16MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	497	D	10.0	UD	500	99		P
Arsenic	ug/L	84 - 116	4.25	JD	7.50	JD	500	-1	N	P
Barium	ug/L	86 - 114	2360	D	119	D	2500	90		P
Beryllium	ug/L	83 - 121	506	D	5.00	UD	500	101		P
Cadmium	ug/L	87 - 115	488	D	5.00	UD	500	97		P
Chromium	ug/L	85 - 116	480	D	16.4	D	500	93		P
Copper	ug/L	85 - 118	5120	D	110	D	5000	100		P
Lead	ug/L	88 - 115	2330	D	6.85	D	2500	93		P
Nickel	ug/L	85 - 117	529	D	63.2	D	500	93		P
Mercury	ug/L	82 - 119	2.69		0.20	U	4.0	67	N	CV
Selenium	ug/L	80 - 120	461	D	125	UD	500	91		P
Silver	ug/L	85 - 116	80.4	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	468	D	5.00	UD	500	94		P
Vanadium	ug/L	86 - 115	795	D	323	D	500	94		P
Zinc	ug/L	83 - 119	5680	D	986	D	5000	94		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q1883
contract: NOBI03 **lab code:** CHEM **case no.:** Q1883 **sas no.:** Q1883
matrix: Water **sample id:** Q1883-16 **client id:** OU4-VSL-19-042325MSD
Percent Solids for Sample: NA **Spiked ID:** Q1883-16MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	494	D	10.0	UD	500	99		P
Arsenic	ug/L	84 - 116	3.75	JD	7.50	JD	500	-1	N	P
Barium	ug/L	86 - 114	2330	D	119	D	2500	88		P
Beryllium	ug/L	83 - 121	507	D	5.00	UD	500	101		P
Cadmium	ug/L	87 - 115	480	D	5.00	UD	500	96		P
Chromium	ug/L	85 - 116	480	D	16.4	D	500	93		P
Copper	ug/L	85 - 118	5130	D	110	D	5000	100		P
Lead	ug/L	88 - 115	2330	D	6.85	D	2500	93		P
Nickel	ug/L	85 - 117	526	D	63.2	D	500	93		P
Mercury	ug/L	82 - 119	2.61		0.20	U	4.0	65	N	CV
Selenium	ug/L	80 - 120	473	D	125	UD	500	94		P
Silver	ug/L	85 - 116	80.1	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	468	D	5.00	UD	500	94		P
Vanadium	ug/L	86 - 115	792	D	323	D	500	94		P
Zinc	ug/L	83 - 119	5660	D	986	D	5000	93		P